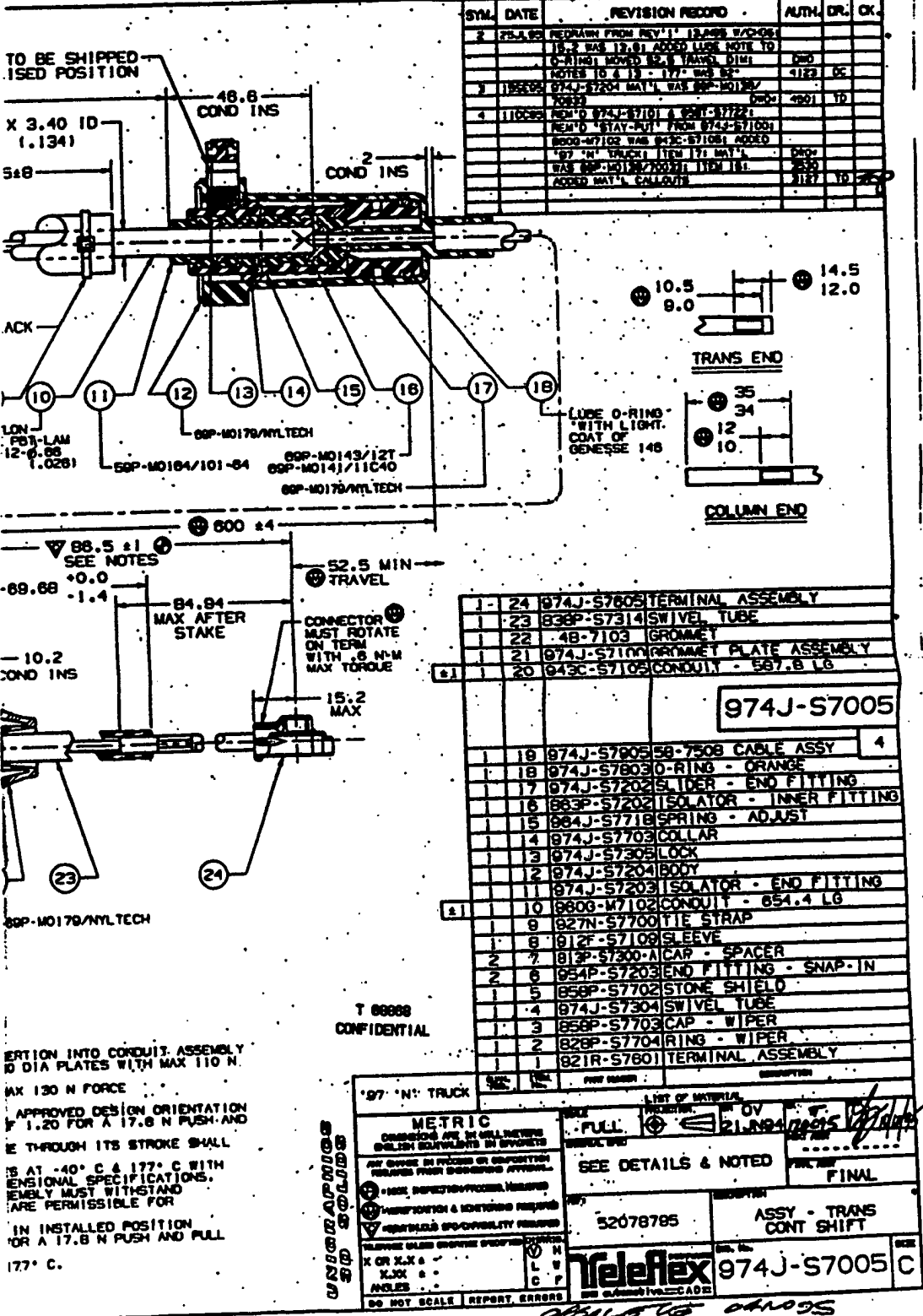
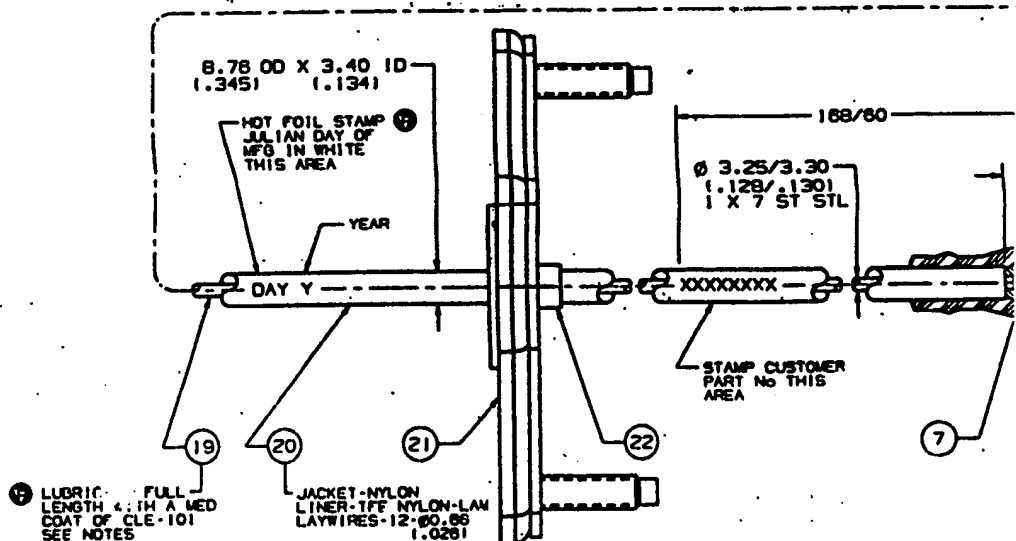
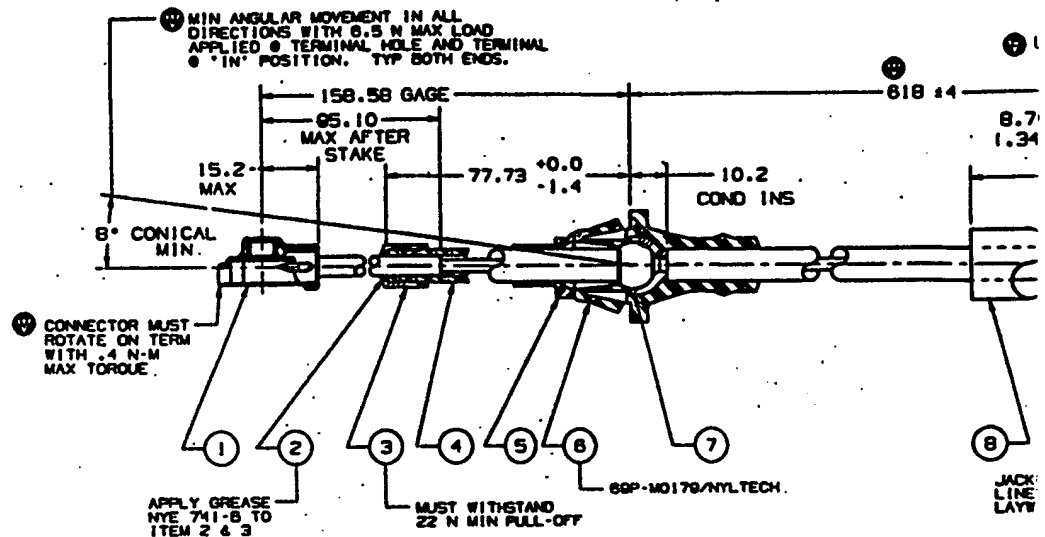


BEST AVAILABLE COPY



BEST AVAILABLE COPY



NOTES:

1. ALL DIMENSIONS NOT TOLERANCED ARE FOR REFERENCE ONLY.
2. PROCESS CONDUIT PER ESDC-7100 BOTH ENDS.
3. CONDUIT & END FITTINGS MUST WITHSTAND 445 N TENSION & COMPRESSION WITHOUT SLIPPING OR CRACKING.
4. TERMINAL & CORE MUST WITHSTAND 690 N PULL WITHOUT SLIPPING, YIELDING, OR CRACKING.
5. CABLE MUST BE CLEAN AND FREE OF DIRT AND OTHER FOREIGN MATERIAL PRIOR TO APPLICATION OF LUBE AND FLOOR/COLUMN END FITTING MUST SNAP INTO 2.55/2.20 THK AND APPROPRIATELY KEYS 20.30/
6. FORCE AND WITHSTAND 450 N MIN PULLOUT LOAD.
7. TRANS END FITTING MUST SNAP INTO 2.80/3.20 THK AND APPROPRIATELY KEYS 32.40/32.70 DIA PLATES W/ AND WITHSTAND 450 N MINIMUM PULLOUT LOAD.
8. BACKLASH - DIMENSION & TOLERANCE MARKED Ø IS TO BE QUALIFIED @ 133.58 WITH CONTROL ROUTED IN WAY BY ENGINEER, OPPOSITE END GAGED & FIXED AT 111.5. QUALIFICATION SHALL INCLUDE A MAX TOTAL BACKLASH/
9. OPERATION EFFORTS - WHEN ROUTED IN INSTALLED POSITION THE FREE STATE EFFORT REQUIRED TO MOVE THE NOT EXCEED 13.3 N AT 22.2° C.
10. DURABILITY - IN INSTALLED ROUTING, ASSEMBLY MUST CYCLE THROUGH MIN SPECIFIED TRAVEL FOR 10,000 ( RATE OF 10 CPM MIN WITH AN OUTPUT LOAD OF 89 N WITHOUT FAILURE OF ANY PHYSICAL PART OR EXCEEDING
11. CONSTRUCTION STRENGTH & INTEGRITY - WHEN ROUTED IN INSTALLED POSITION SHOWN BY CUSTOMER DRAWING A TENSILE LOAD OF 890 N & A COMPRESSIVE LOAD OF 180 N, NO YIELDING, PERMANENT DEFORMATION OR CR/ EITHER MODE NOT MORE THAN 3% DEFLECTION IS PERMISSIBLE FOR THE COMPRESSION MODE @ 22.2° C.
12. LIFE CYCLE BACKLASH - DIMENSION & TOLERANCE MARKED Ø IS TO BE QUALIFIED @ 133.58 WITH CONTROL RO/ AND OPPOSITE END GAGED AND FIXED AT 111.5. QUALIFICATION SHALL INCLUDE A MAX TOTAL BACKLASH OF/
13. CONTROL MUST OPERATE AND MAINTAIN DIMENSIONAL AND PERFORMANCE CRITERIA FOR A TEMP RANGE 1° -40°
14. CONTROL MUST PASS 200 LB ABISIVE PULL-OUT PARK LOAD FROM -40°C TO 177°C TEMP WITH NO GAGE LENGTH CHANGE - CONTROL FULLY FUNCTIONAL - 2 SECOND LOAD RAMP UP, 1 SECOND HOLD LOAD, FULL RELEASE 100 CYCLES.